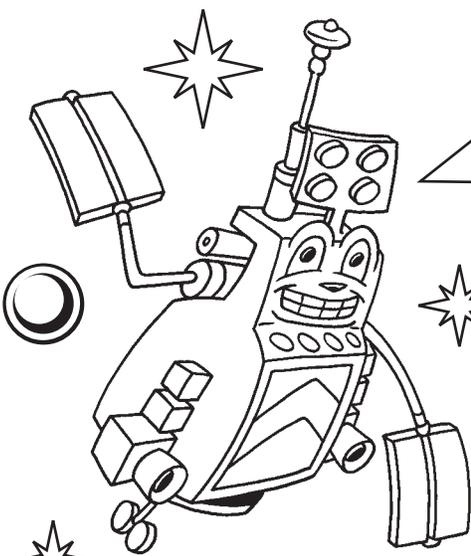


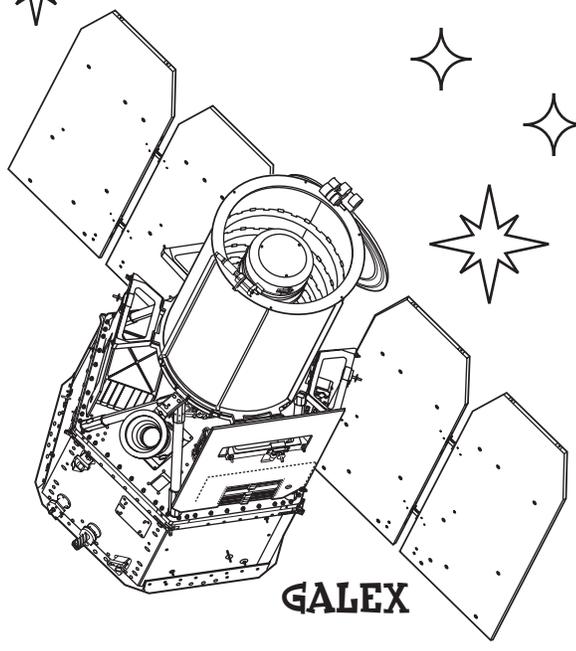
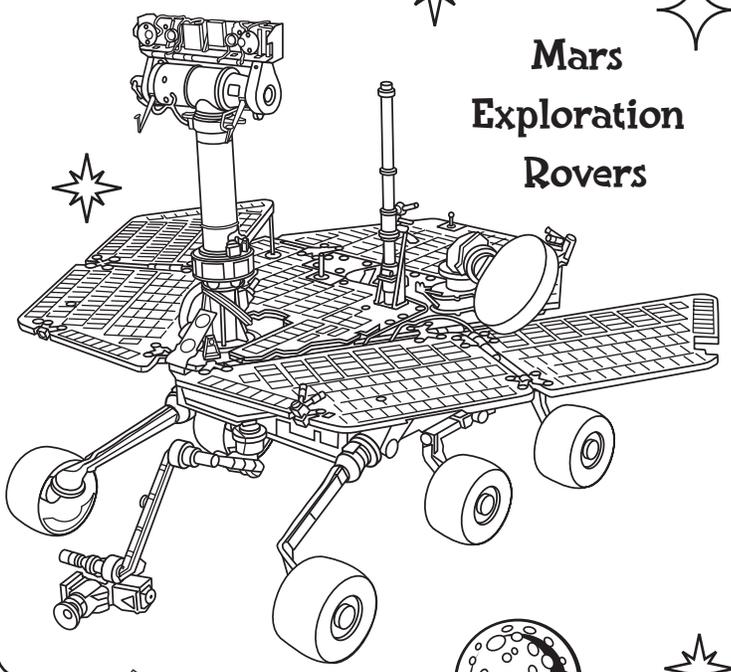
Hello, I'm Peter Payload.  
I'm your tour guide. Before we  
visit the activity room, let's find  
out about Kennedy Space Center's  
Payload Processing Facilities.



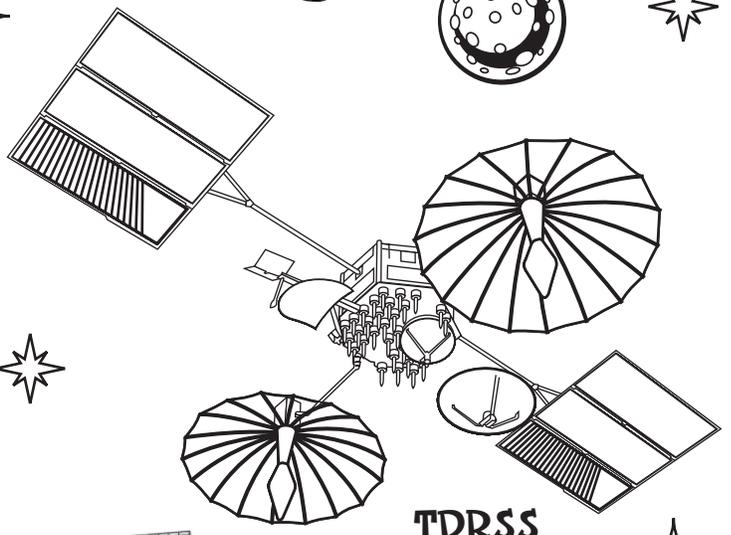
Here are a few of my famous spacefaring relatives!



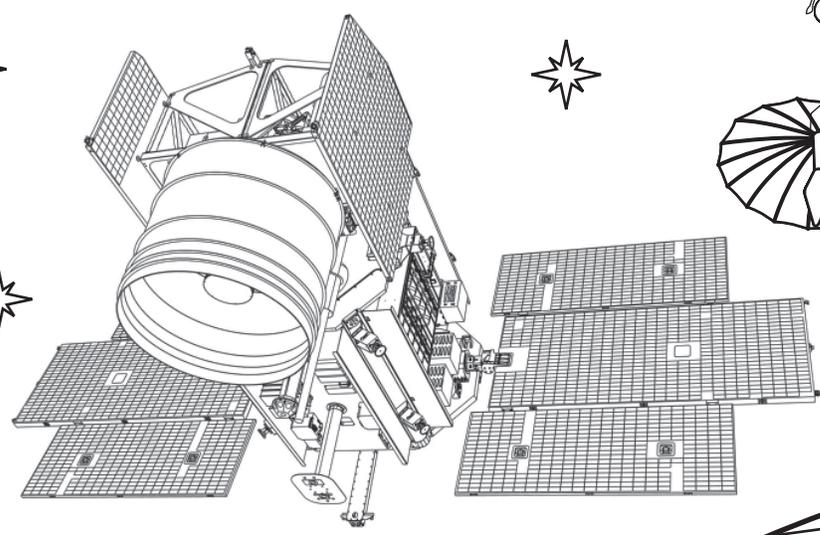
Mars  
Exploration  
Rovers



GALEX



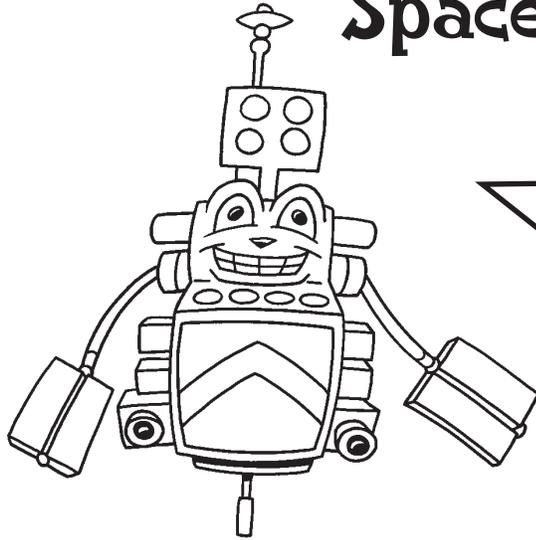
TDRSS



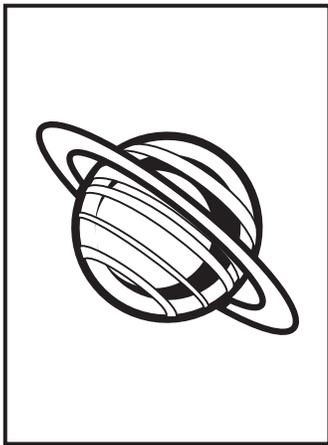
ICESAT



# Space Card Hunt



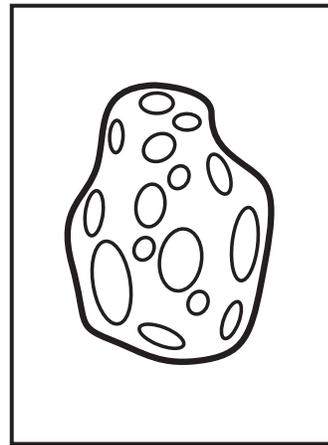
There are six  
Space Cards hidden  
somewhere inside  
the following pages.



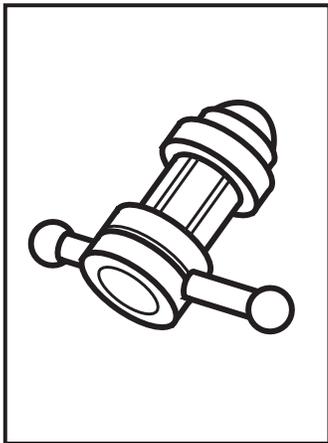
Space Card #1



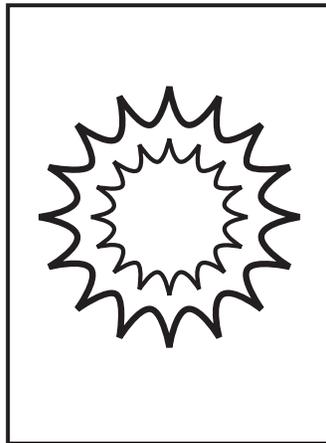
Space Card #2



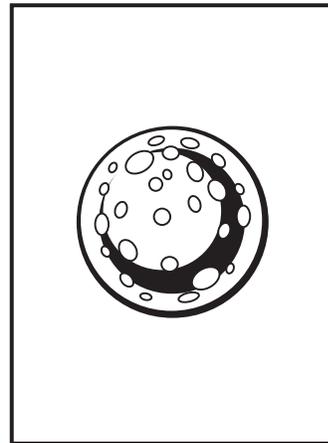
Space Card #3



Space Card #4



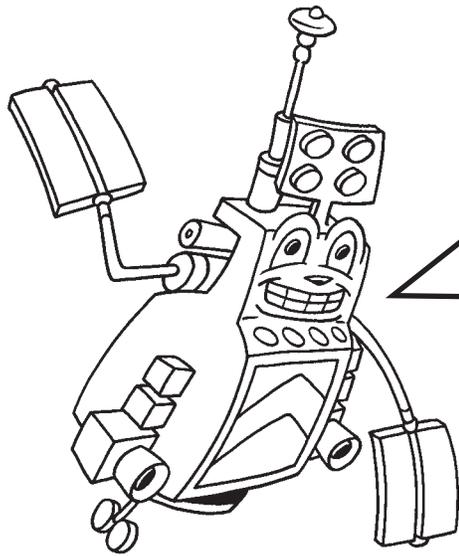
Space Card #5



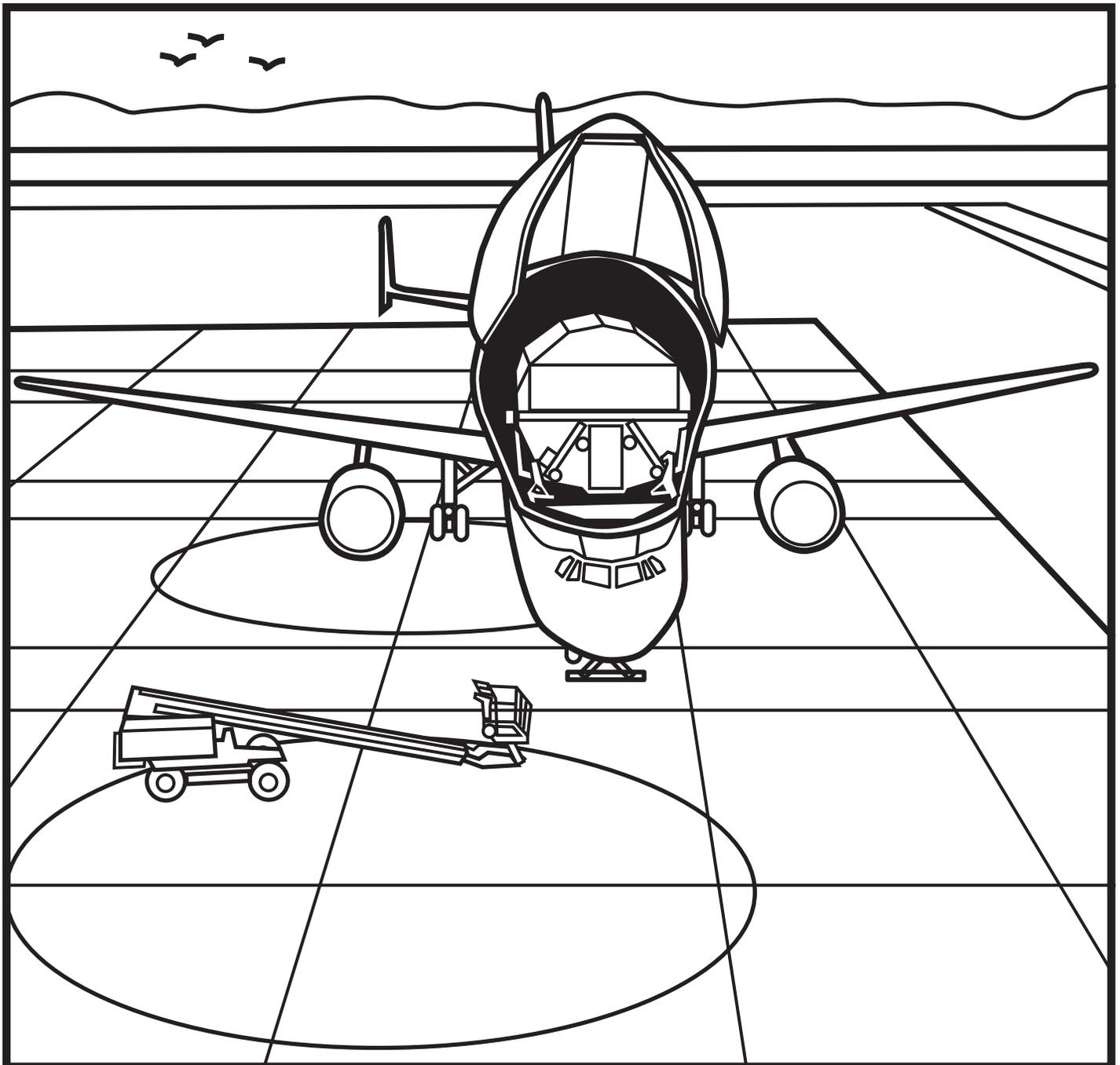
Space Card #6

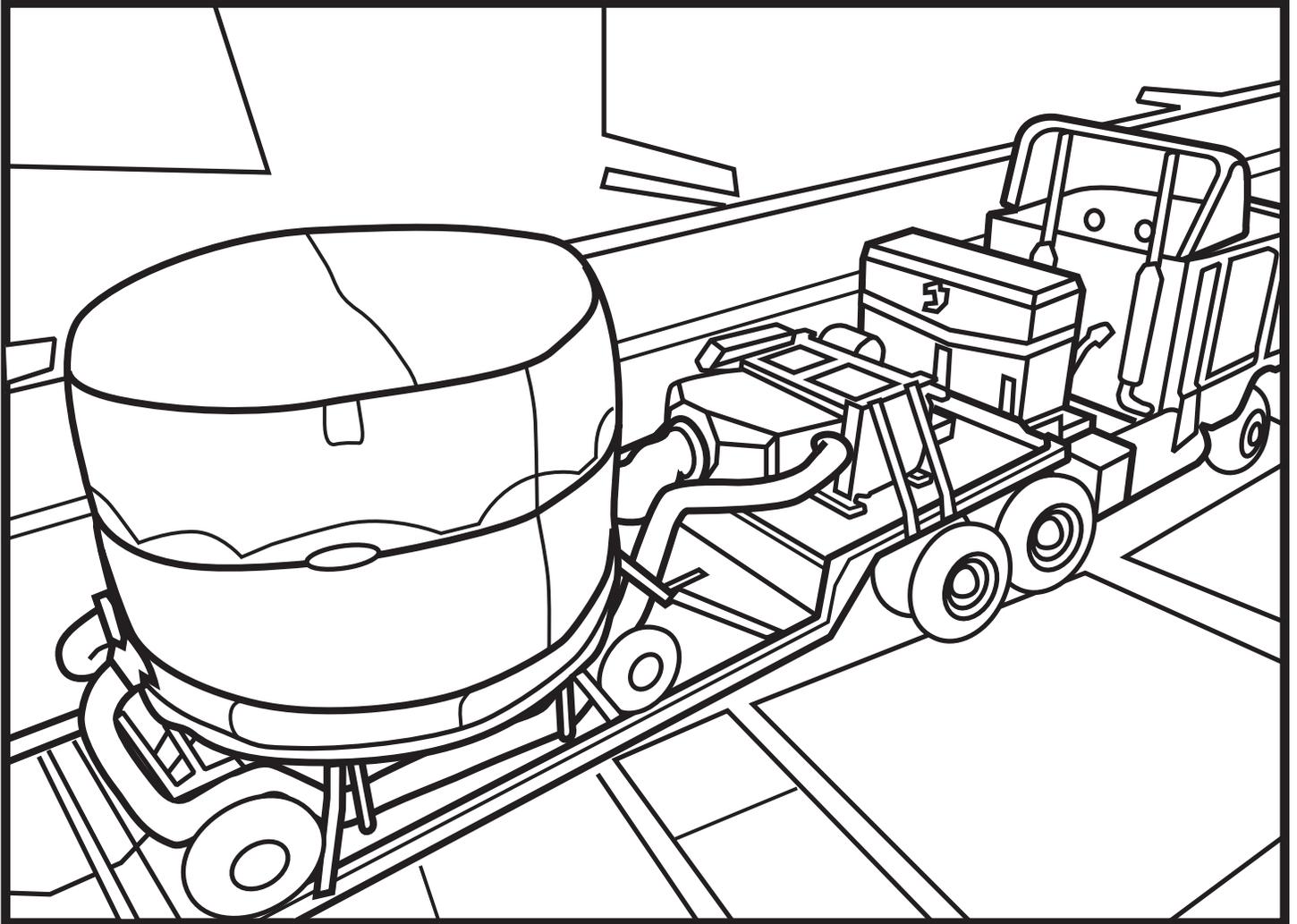
## Instructions

The cards shown above are hidden in the following pages. They are bounded by a rectangle, so don't confuse them with the same images that are not on a CARD! Once you have found all six of the Space Cards, color them, then you can put your name on the Peter Payload Certificate of Achievement located at the back of this book!

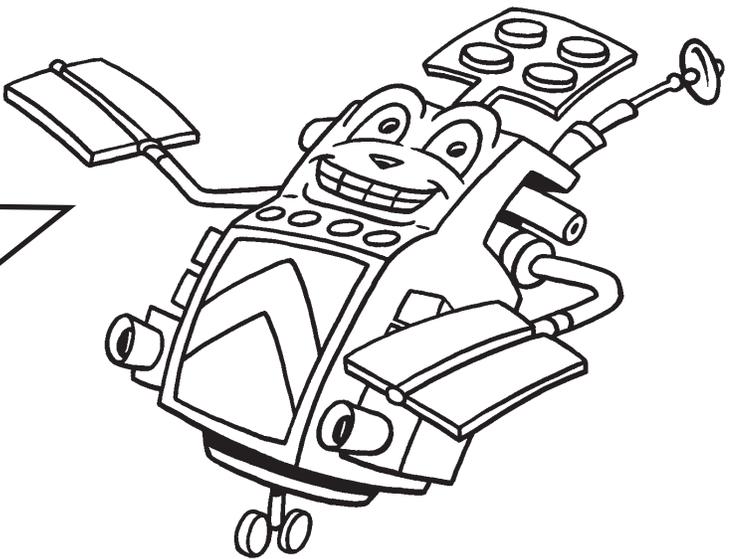


Most payloads arrive at Kennedy Space Center by truck and some by plane.

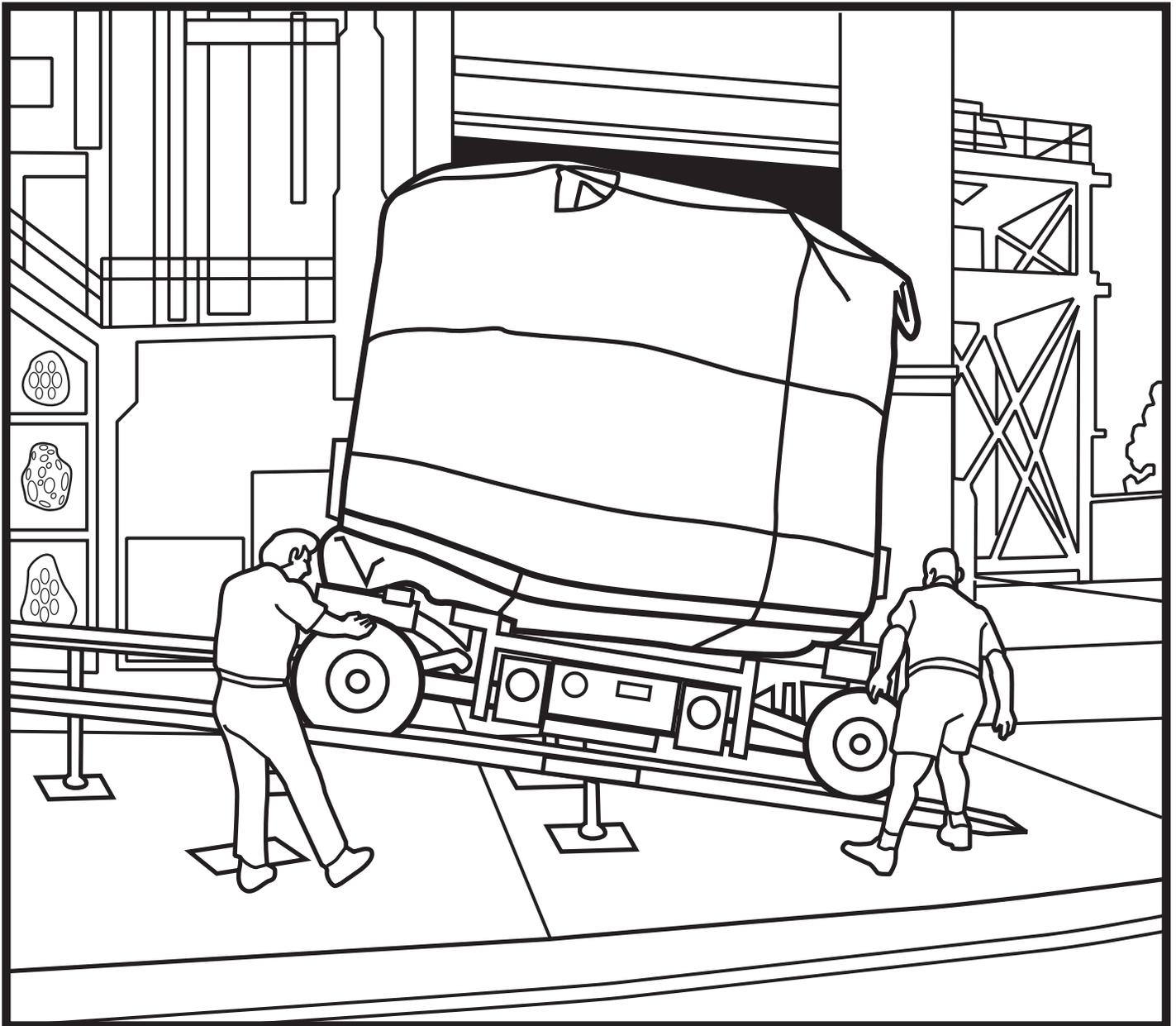
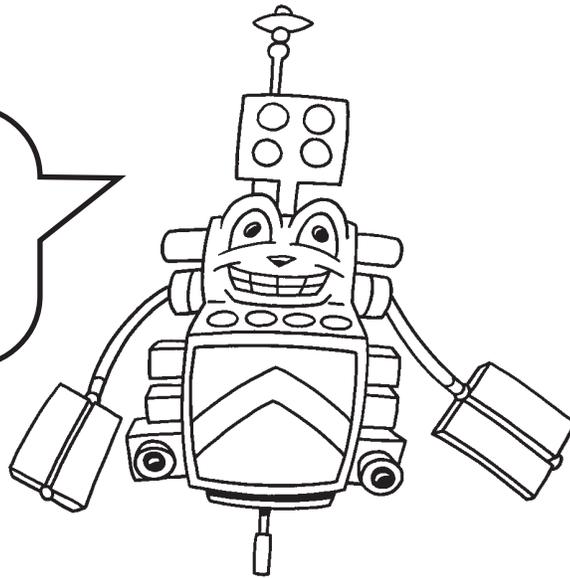


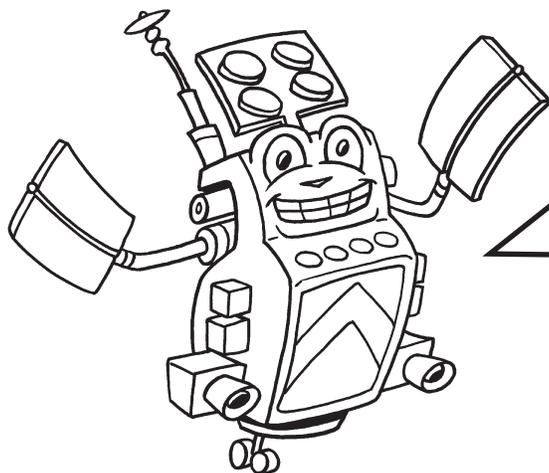


If the payload arrives by plane then it is put on a truck.

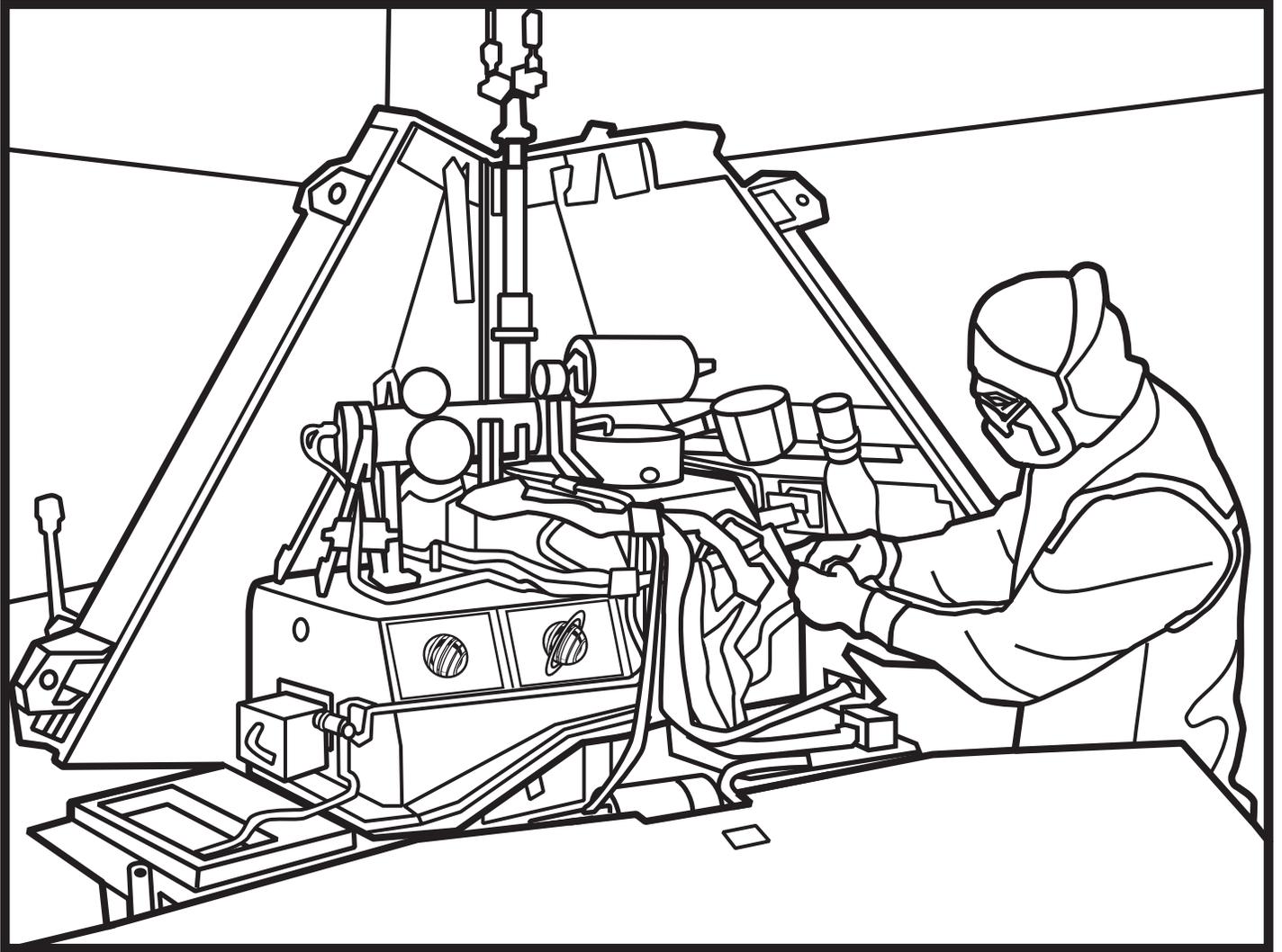


The payload is taken to a Payload Processing Facility.

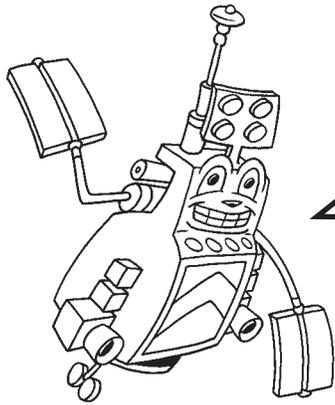




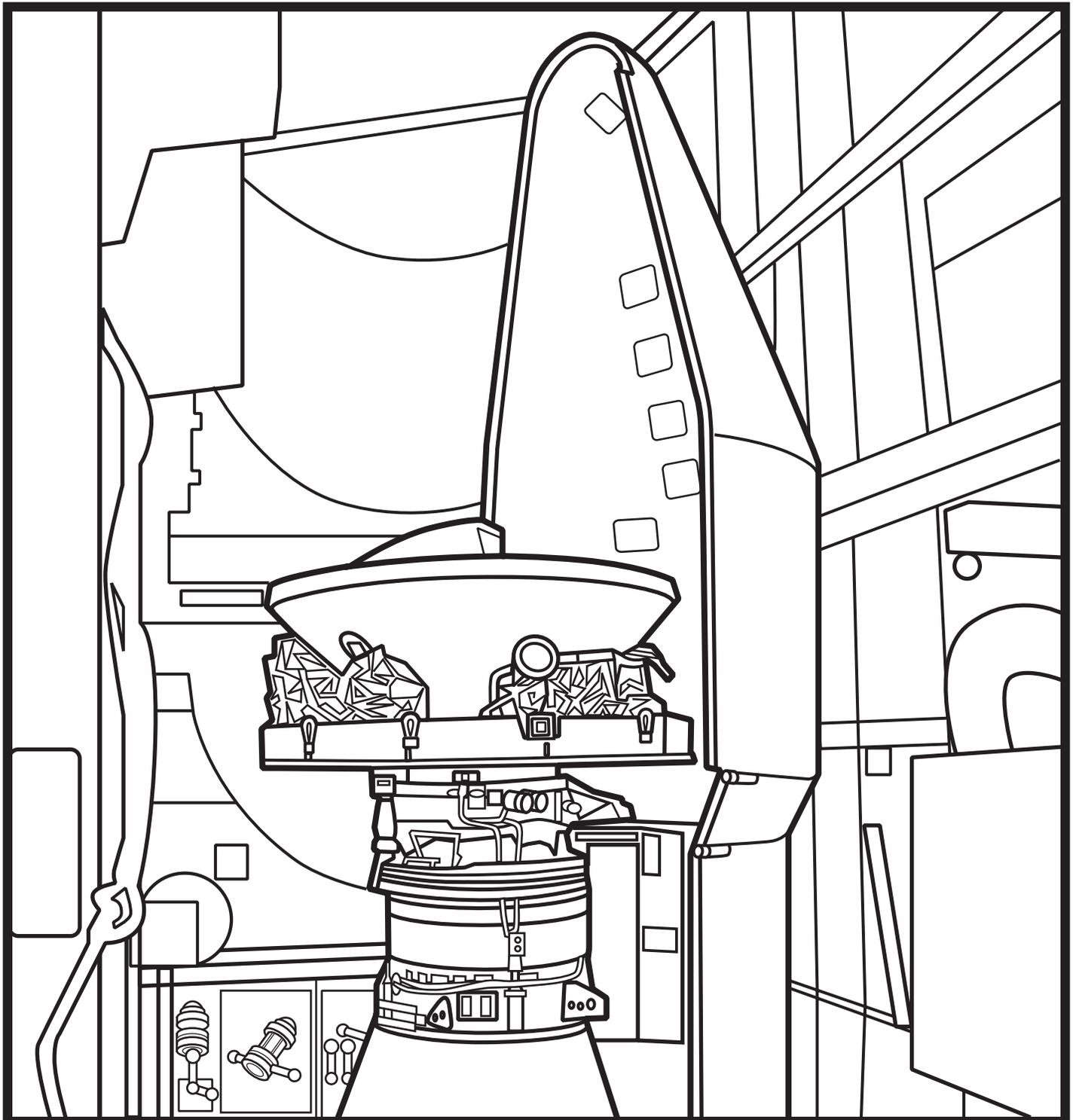
While working on payloads employees here wear 'bunny suits' to keep it very clean.

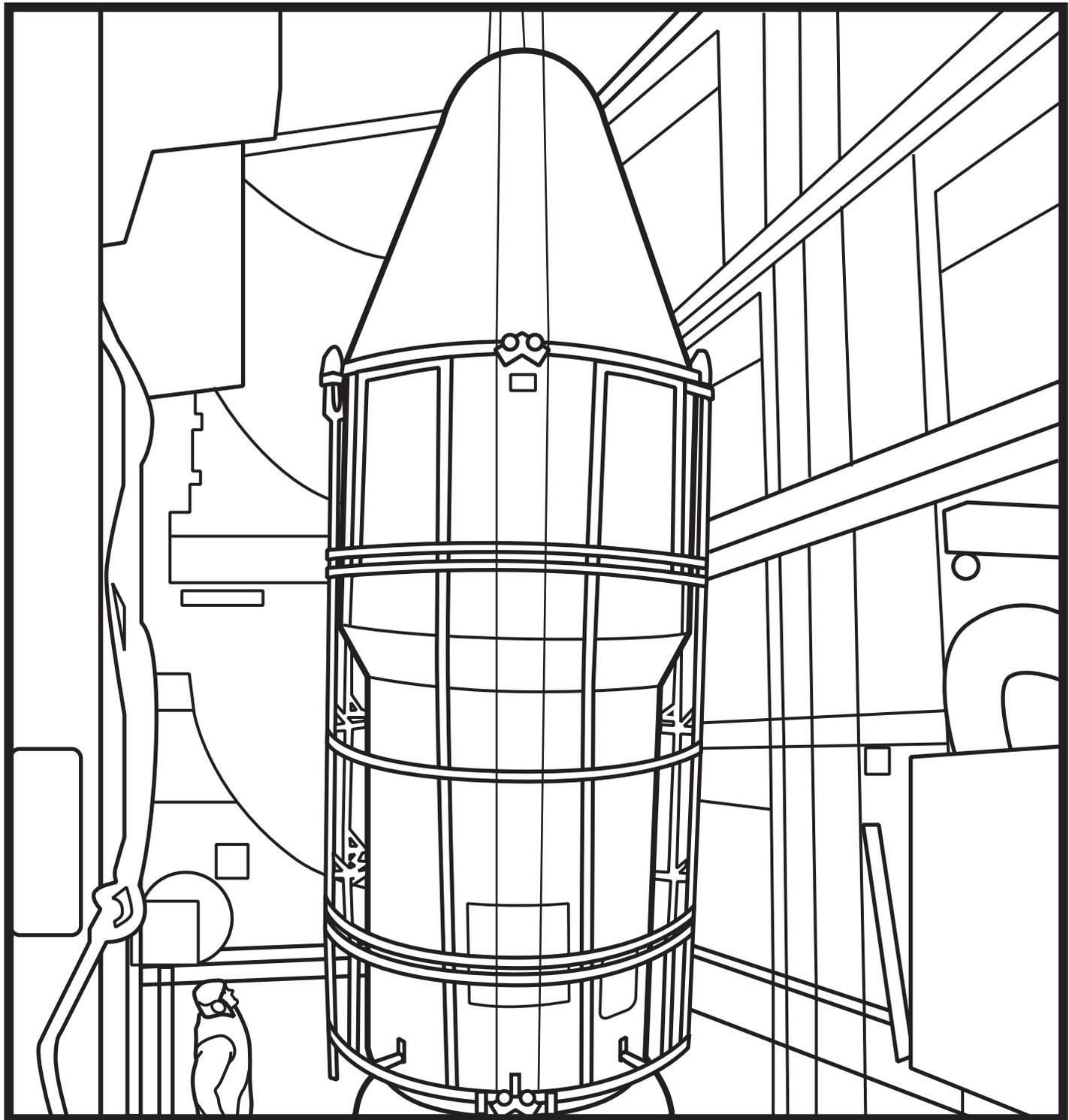


Here, employees  
are testing  
the payload.

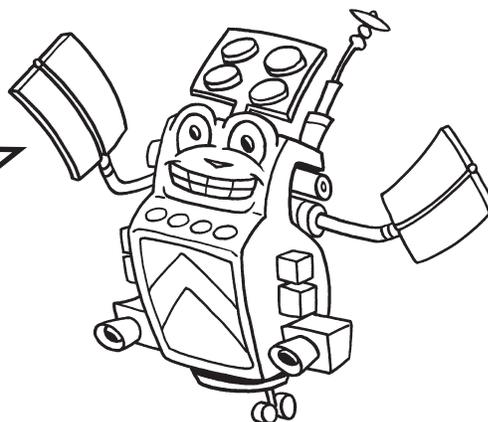


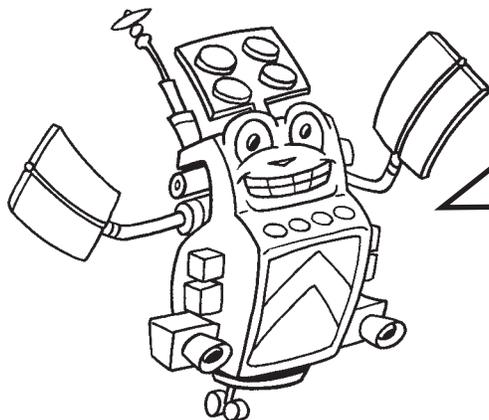
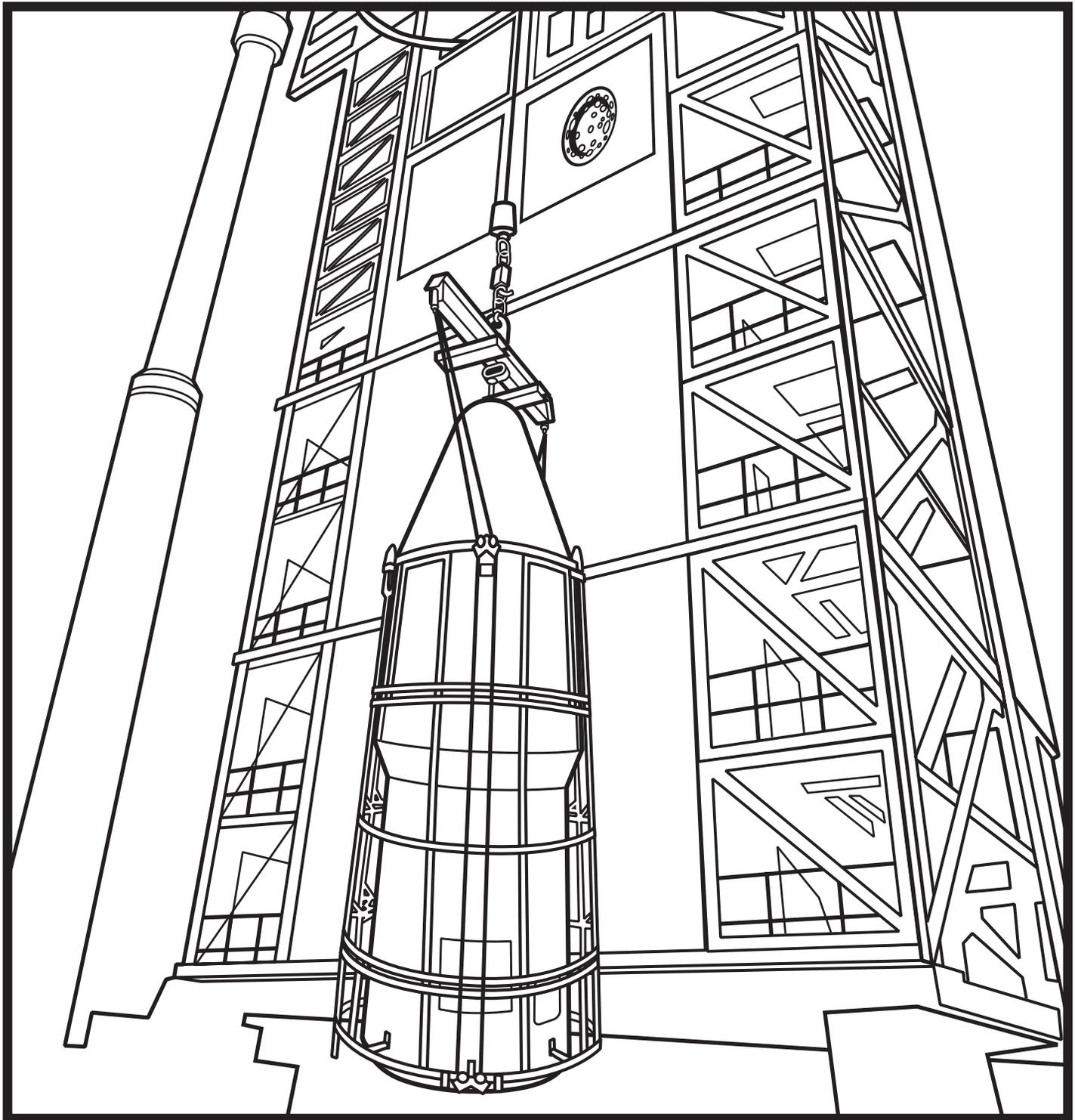
Once everything checks out, the payload is loaded into a fairing.



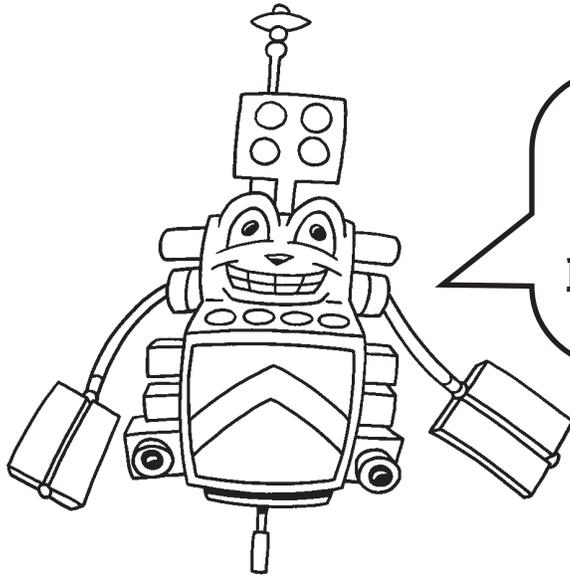


The fairing is closed  
for the trip to the  
Launch Complex.



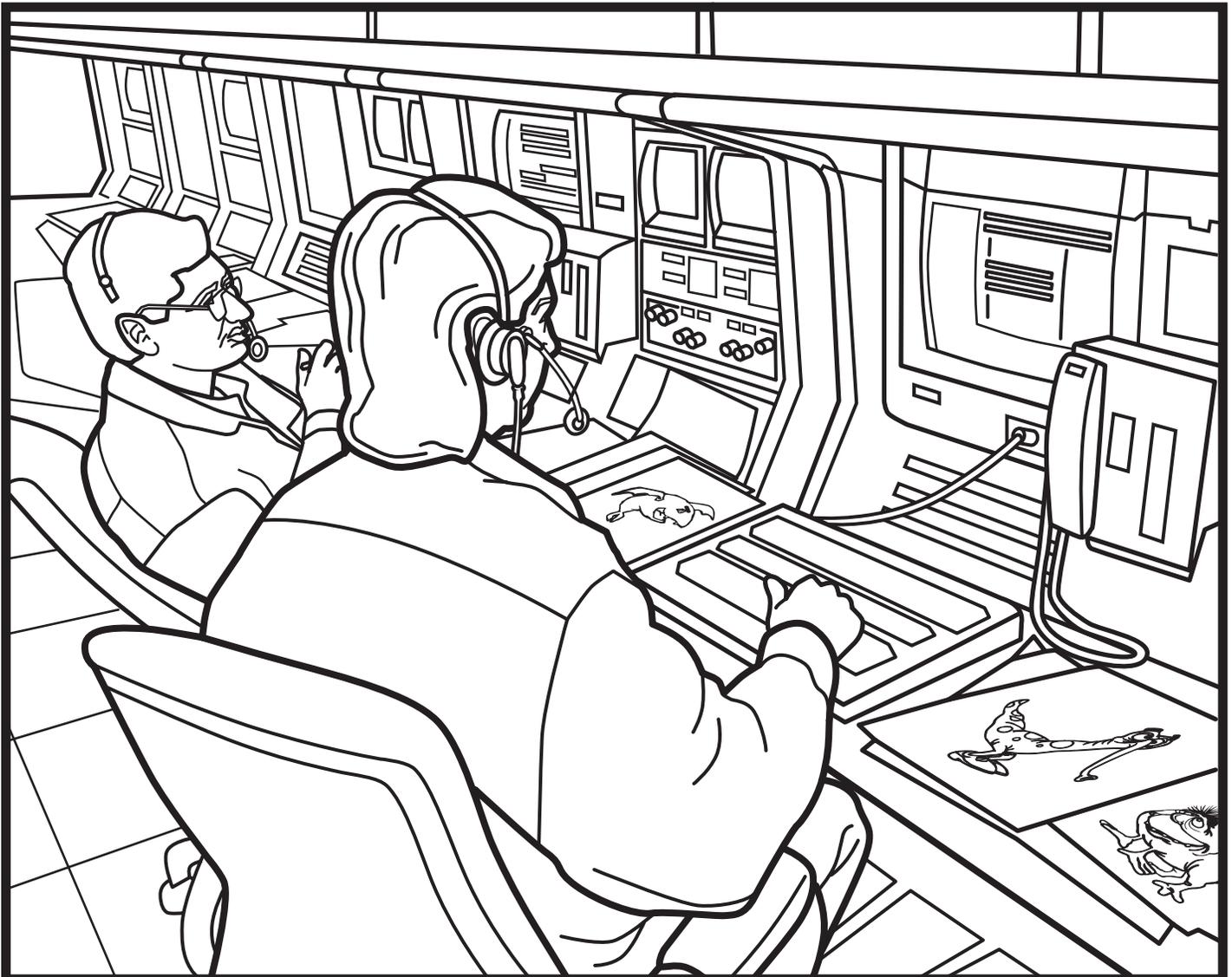


At the Launch  
Complex the  
payload is  
put on top  
of a rocket.



Launch begins with  
a countdown at the  
Launch Control Center.

10-9-8-7-6-5-4-3-2-1-0



Liftoff!



BOEING

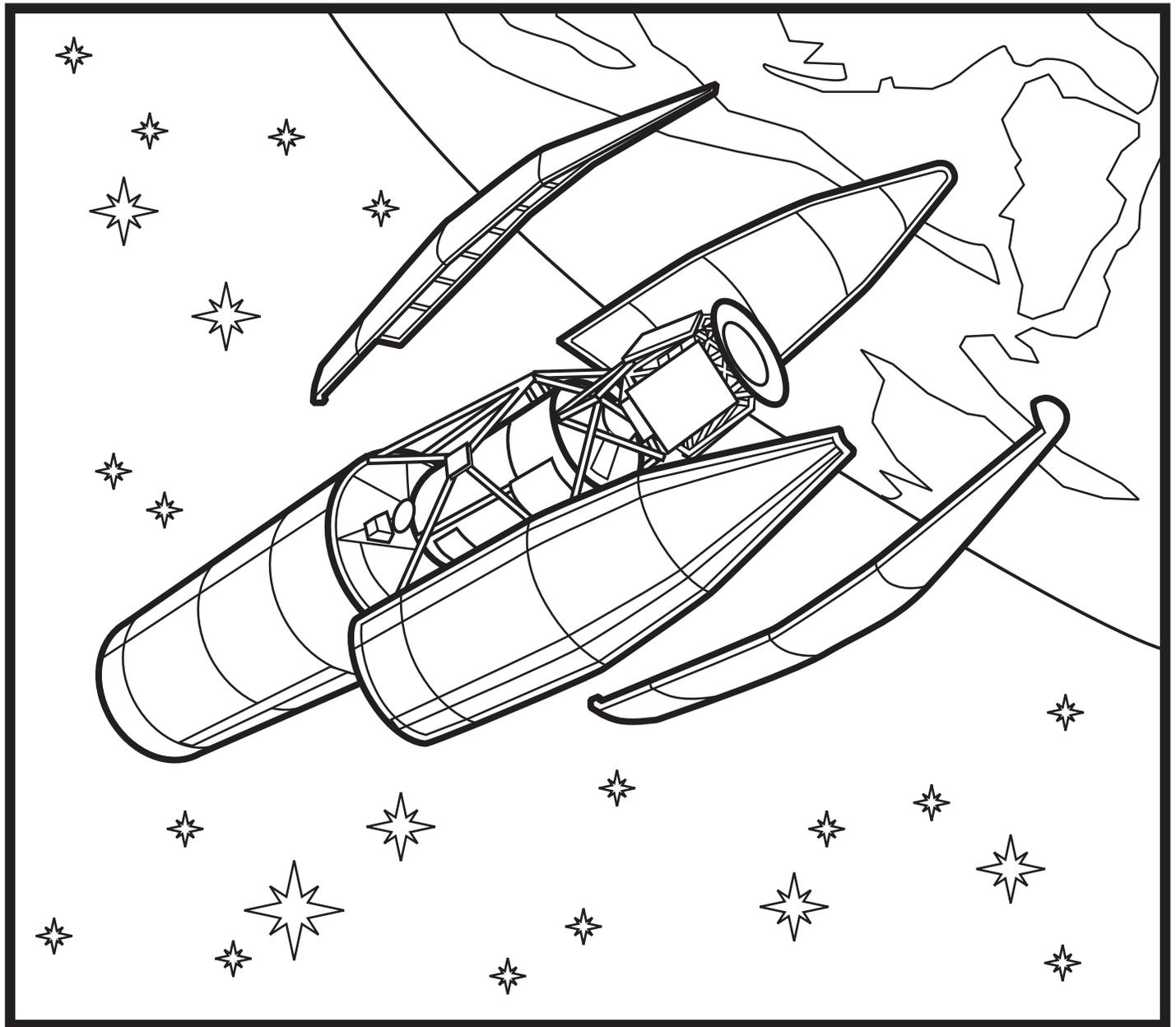


USAF  
BOEING  
Sverdrup  
SNC ALT  
SGS JCI

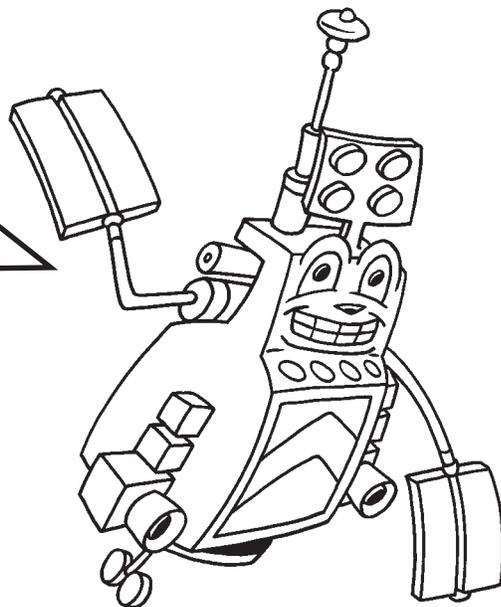
D  
E  
L  
T  
A

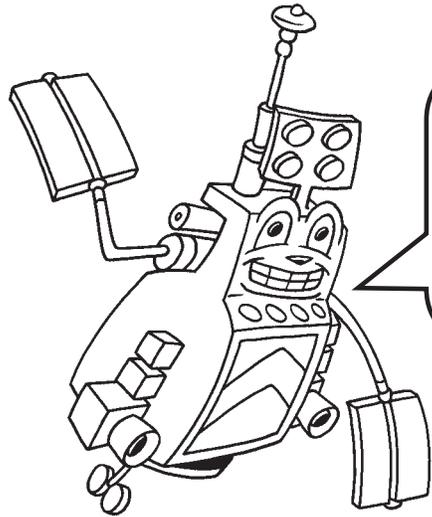
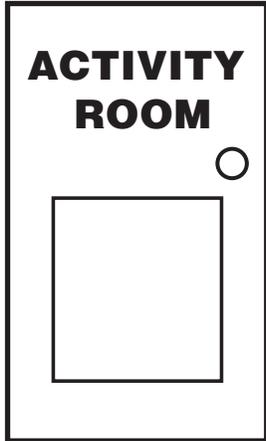
MER-A





Once in space the  
payload is sent  
on its way!





That was exciting, wasn't it? Now let's find the hidden words from the list I've given you below.

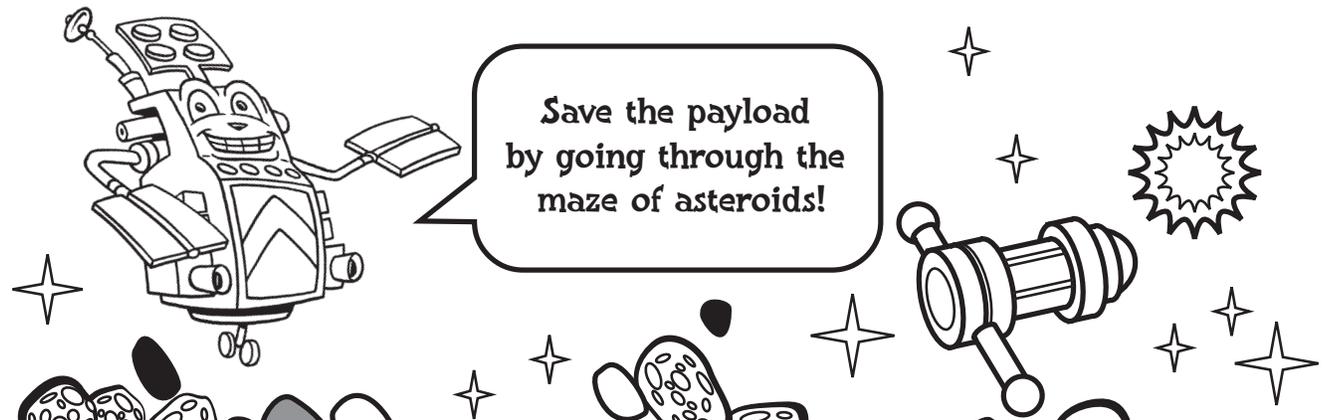


### Solar System Hidden Words

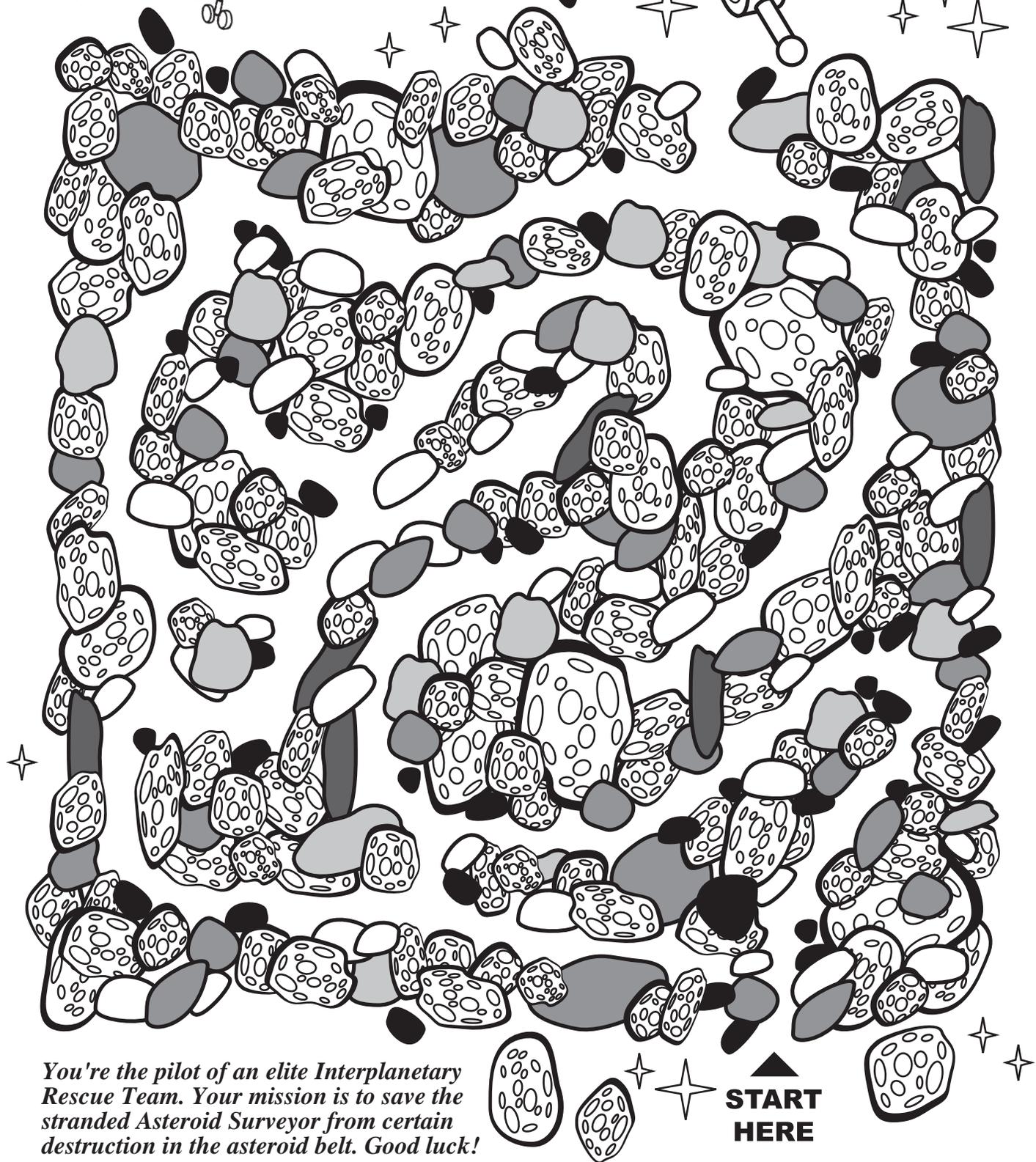
P	V	G	P	M	A	R	S	D	I	S	K
L	L	L	I	G	H	T	H	I	G	U	T
A	X	U	R	A	Y	S	Q	U	O	N	Y
N	W	R	T	E	H	T	R	A	E	H	A
E	I	A	F	O	K	I	M	E	N	O	R
T	V	N	A	R	B	M	M	O	U	T	P
S	E	U	R	B	E	A	E	O	T	S	L
K	N	S	M	I	L	R	R	M	P	M	A
J	U	P	I	T	E	R	C	D	E	L	T
A	S	W	M	S	A	T	U	R	N	L	S
M	G	A	S	P	U	S	R	A	N	U	L
O	M	O	O	N	T	R	Y	H	A	I	R
A	S	T	E	R	O	I	D	B	E	L	T

- PLANETS
- MOON
- MERCURY
- VENUS
- EARTH
- MARS
- ASTEROID BELT

- JUPITER
- SATURN
- URANUS
- NEPTUNE
- PLUTO
- SUN
- ORBITS

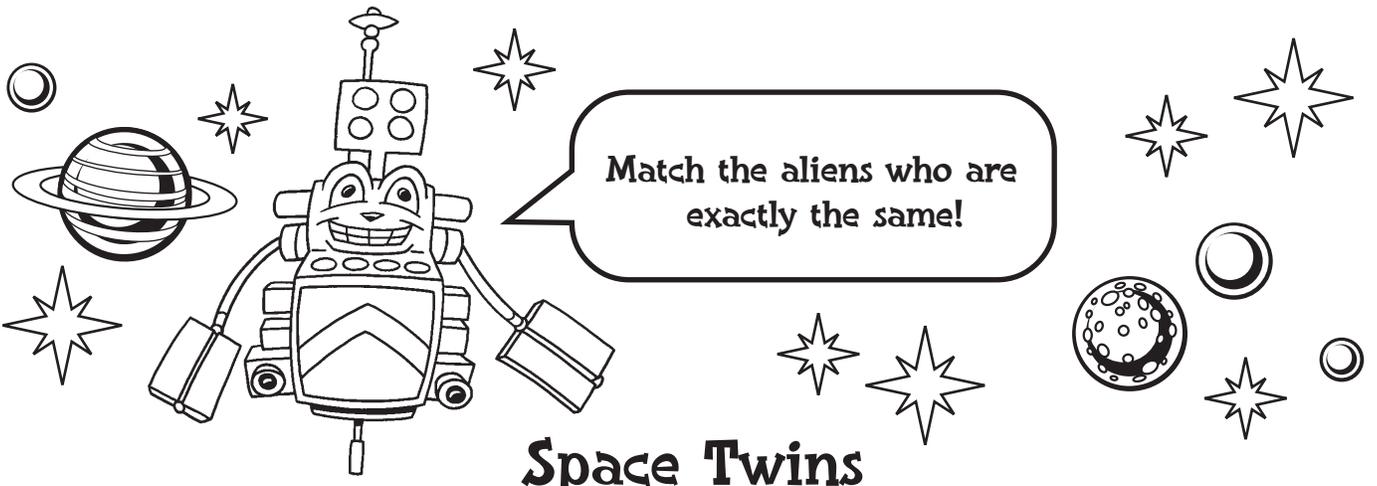


Save the payload  
by going through the  
maze of asteroids!

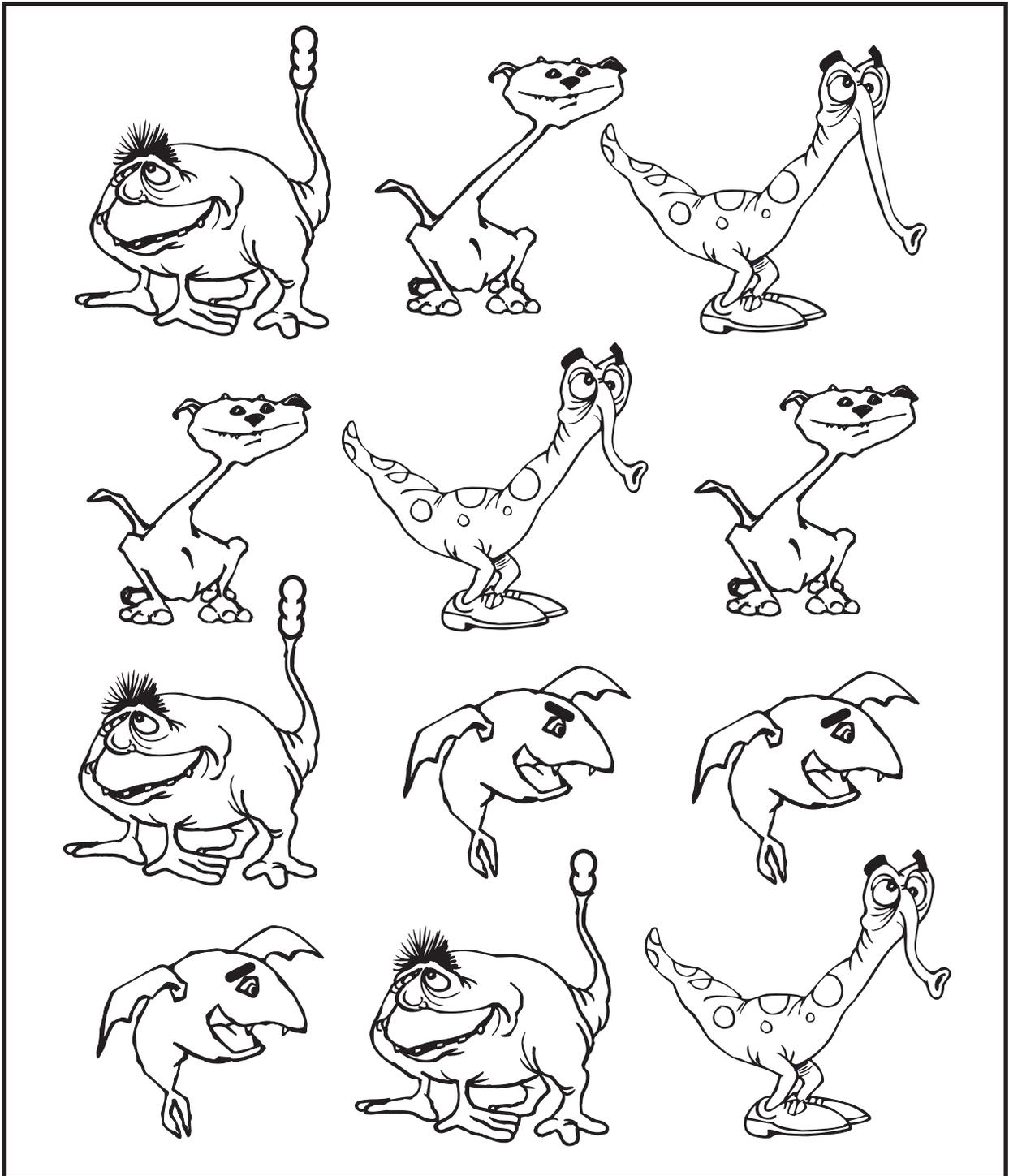


*You're the pilot of an elite Interplanetary Rescue Team. Your mission is to save the stranded Asteroid Surveyor from certain destruction in the asteroid belt. Good luck!*

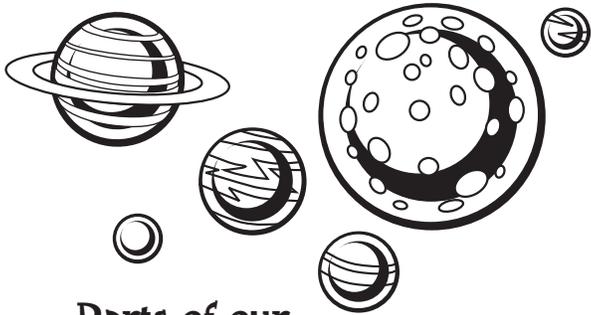
**START  
HERE**



## Space Twins

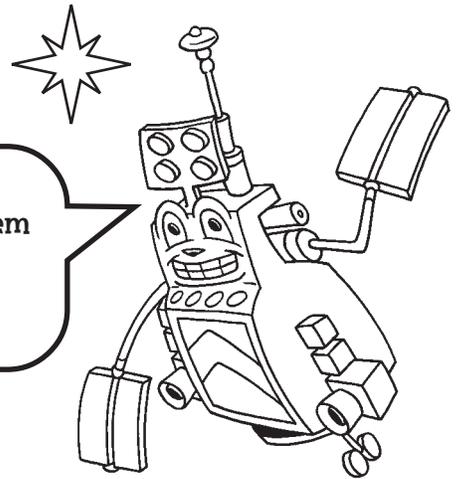


# Solar System Match Up!



Parts of our  
Solar System:

Match our Solar System  
parts with their  
description.



Description:

**Pluto**

**Uranus**

**Venus**

**Earth**

**Mars**

**Saturn**

**Jupiter**

**Mercury**

**Neptune**

**Sun**

**Red Planet**

**Moves Slowly**

**A star in the Solar System**

**Moves quickly**

**Giant gas planet**

**Smallest planet**

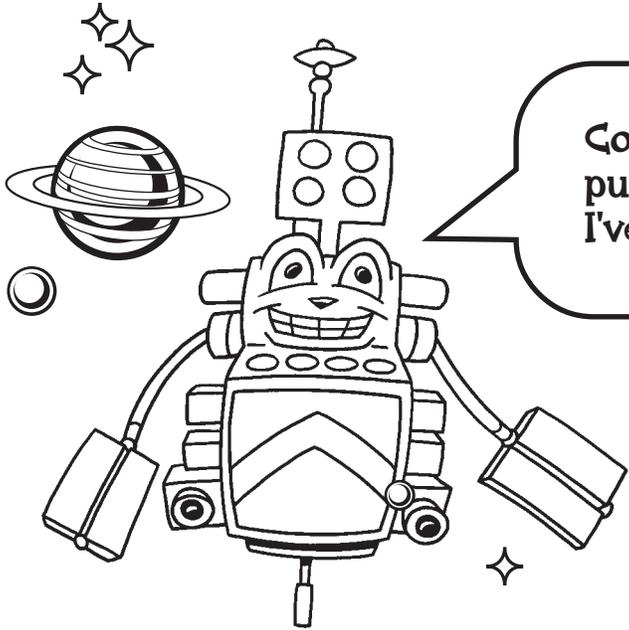
**Closest to the Sun**

**We live on this Planet**

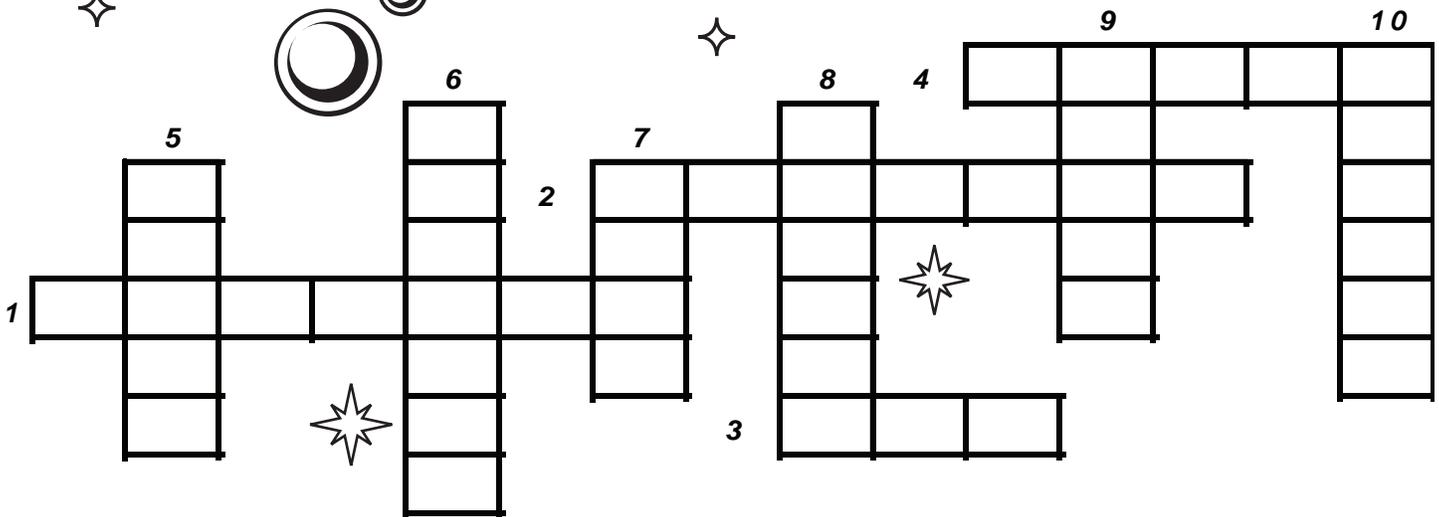
**Has rings**

**8th planet away from the sun**

# Planet Puzzle



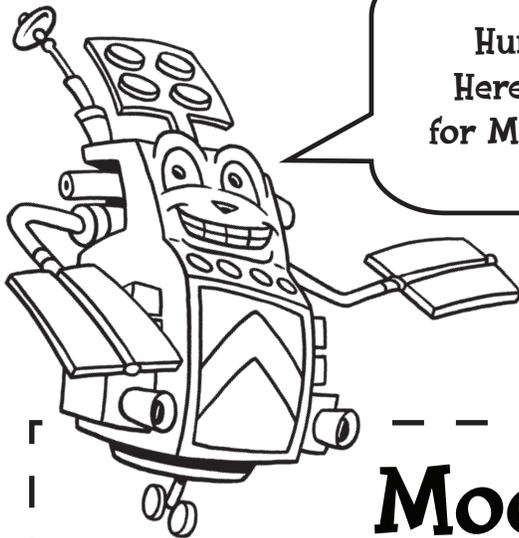
Complete this crossword puzzle using the clues I've given you below...



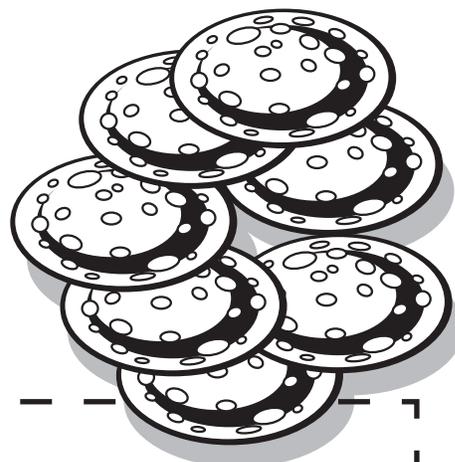
## ACROSS

## DOWN

1. The largest planet in our solar system.
2. The closet planet to the sun.
3. A star in our solar system.
4. The second closet planet to the sun.
5. The farthest planet from the sun.
6. The eighth planet away from the sun.
7. The planet known as the "Red Planet".
8. The seventh planet away from the sun.
9. We live on this planet.
10. This planet has rings and many moons.



Hungry yet?  
Here's a recipe  
for Moon Cookies!



# Moon Cookies

Courtesy of the NASA Space Place  
<http://spaceplace.nasa.gov>

**(No baking)**

**Measure the following ingredients into a big big bowl:**

- 1/2 cup wheat germ**
- 1-1/2 cups peanut butter**
- 1-1/2 cups honey**
- 3 cups dried milk**
- 3/4 cup graham cracker crumbs**

**Directions:**

**Mix everything together first with a wooden spoon.**

**Then use your hands to shape the dough into small round balls or moons. Or you can shape crescent moons too.**

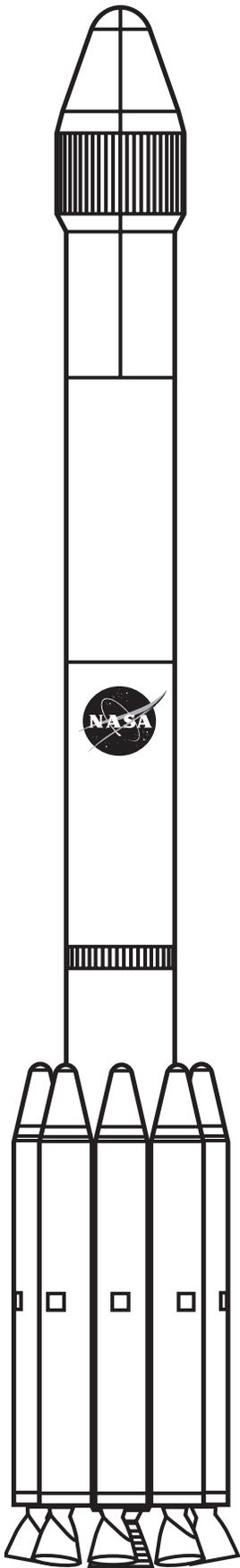
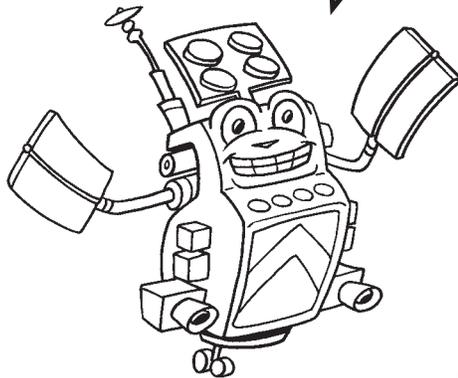
*Hint: If you wet your hands, it will be easier to work with the dough.*

**Roll each moon in powdered sugar. They are ready to eat!**

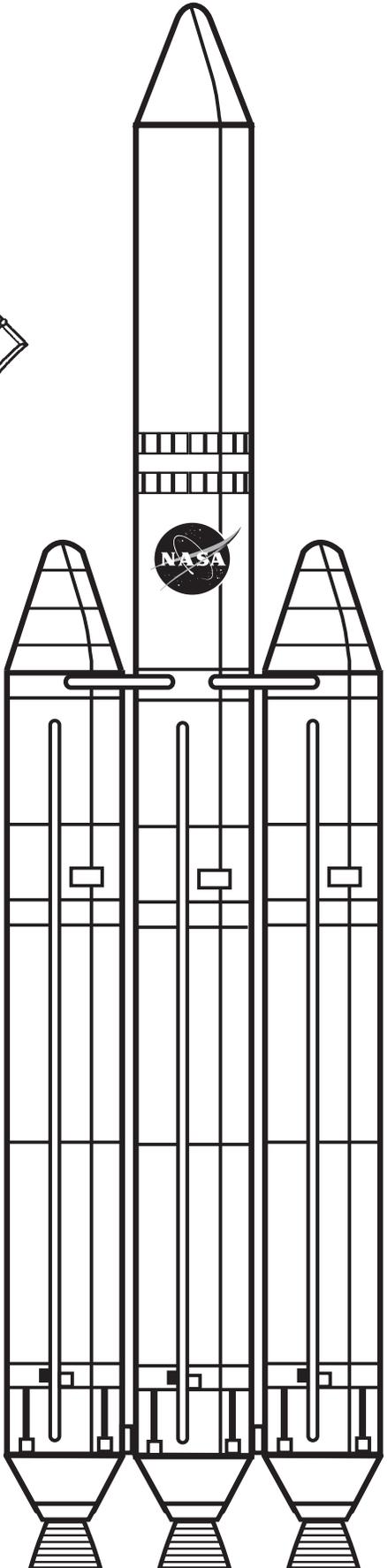
**If there are any left over, keep them in a covered bowl in the refrigerator.**

**Makes about 5 dozen moons.**

Here are two rockets for you to color.

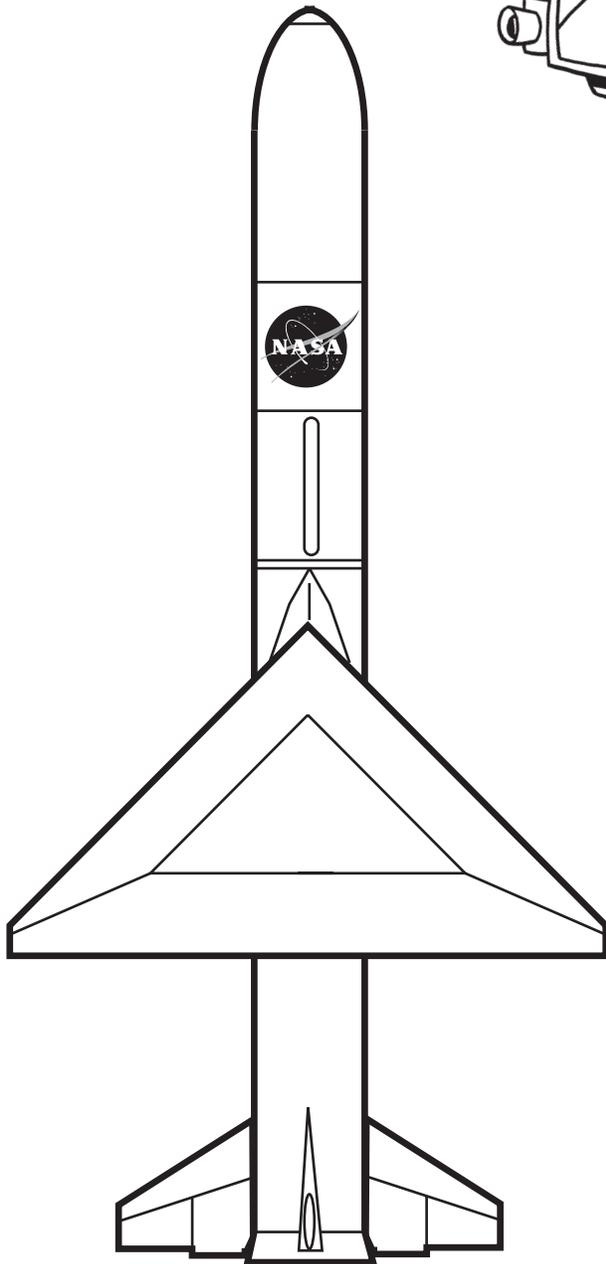
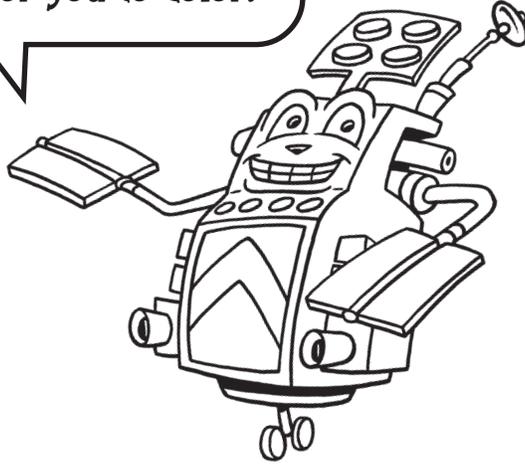


Delta II

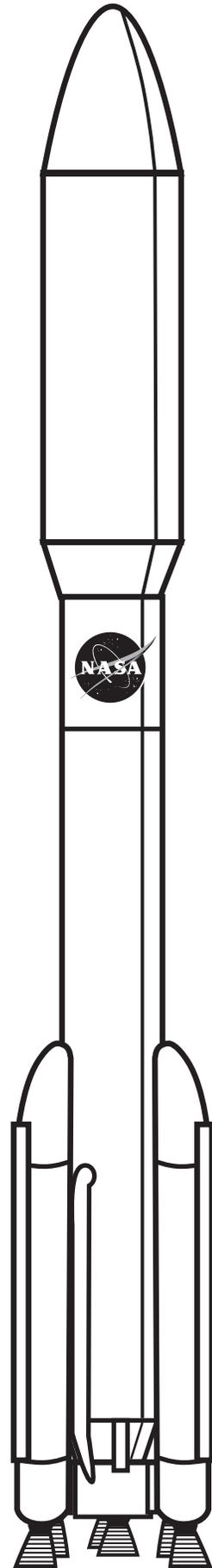


Delta IV

Here are two more rockets for you to color.



Pegasus

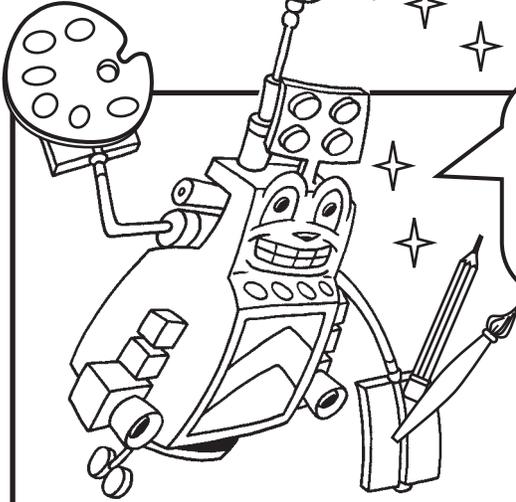


Atlas V



# Draw & Color

This page is just for  
**YOUR** artwork.  
Be creative! Have fun!



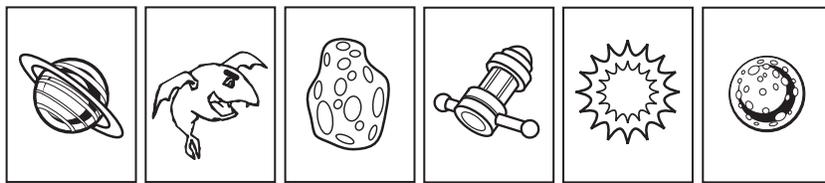
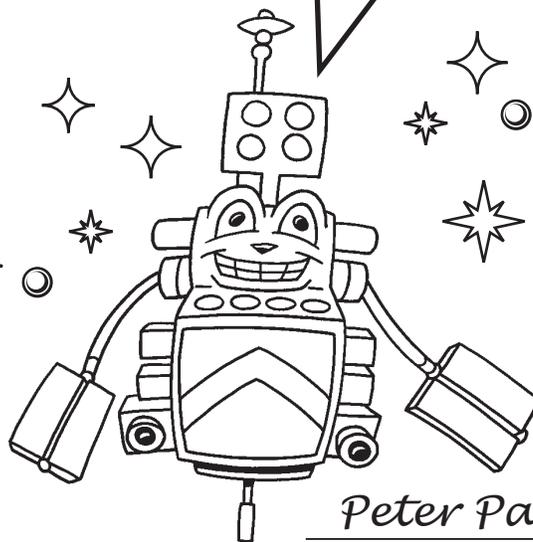
# Certificate of Achievement

is Presented to

\_\_\_\_\_

(Your Name)

for completing our special  
activity book tour of the  
Kennedy Space Center  
Launch Services Program!



Space Card #1

Space Card #2

Space Card #3

Space Card #4

Space Card #5

Space Card #6

Once you have found all six of these Space Cards you may put  
your name on this Peter Payload Certificate of Achievement!